

L Number	Hits	Search Text	DB	Time stamp
1	124	shutter near20 (card adj reader)	USPAT; US-PGPUB; EPO; JPO	2003/07/24 16:06
2	24	(shutter near20 (card adj reader)) near20 (open\$3 near20 clos\$4)	USPAT; US-PGPUB; EPO; JPO	2003/07/24 15:28
7	12554	lee.xa.	USPAT; US-PGPUB; EPO; JPO	2003/07/24 16:03
8	52	lee.xa. and seung	USPAT; US-PGPUB; EPO; JPO	2003/07/24 16:03
9	42	(lee.xa. and seung) and 235/\$7.ccls.	USPAT; US-PGPUB; EPO; JPO	2003/07/24 16:03
10	0	shutter near20 (card adj reader) near20 diagonal\$4	USPAT; US-PGPUB; EPO; JPO	2003/07/24 16:08
11	1	shutter near20 (card) near20 diagonal\$4	USPAT; US-PGPUB; EPO; JPO	2003/07/24 16:15
12	189	shutter near20 diagonal\$4	USPAT; US-PGPUB; EPO; JPO	2003/07/24 16:16
40	7	("3634656" "3909595" "3979578" "3980167" "5136144" "5483069" "5507481").PN.	USPAT	2003/07/24 16:22

Drafts

Pending

Active

- ✓ L1: (0) shutter adj25 mechanidm
- ✓ L2: (7597) shutter adj25 mechanis
- ✓ L3: (88) 2 and 235/57.ccls.
- ✓ L4: (1) "88" and (card adj trap)
- ✓ L5: (1) 3 and (card adj trap)
- ✓ L6: (1) 5850079.UREN.
- ✓ L7: (14) ("3818187" | "3946204" |

Failed

Saved

- ✓ (142) 235/479.ccls.
- ✓ (34) 235/479.ccls. and carriage
- ✓ (4334) 235/479 235/480 235/483 23
- ✓ (208) (235/479 235/480 235/483 23
- ✓ (120) ((235/479 235/480 235/483 23
- ✓ (52) ((235/479 235/480 235/483 23
- ✓ (32) ((235/479 235/480 235/483 23
- ✓ (6) ("5821515") or ("4900908") o

Favorites

Tagged

UDC

Queue

Trash

Search Export Queue Dow

DBs: USPAT

Default operator: OR

 Duplicates Synonyms Highlight all hit terms initially

3 and (card adj trap)

BRS Form BSR Item Image Text

	U	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	P	2	3	5
1	<input type="checkbox"/>	US 5850079 A	19981215	22	Card reader with a theft counter measure	235/475	194/351 ; 235/441		Ohwa, Junji , et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>				

[x] [x] Details

Ready

[NUM]

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File Edit Tools Window Help

Drafts Pending Active

L15: (4334) 235/479 235/480 235/481
 L16: (208) 15 and carriage
 L17: (120) 16 and plate
 L18: (52) 16 and transport
 L19: (32) 16 and transporting

Failed Saved Favorites Tagged UDC Queue Trash

Search Home Queue Doc

DBs: USPAT Default operator: OR

16 and transporting

BRS Form IS&R Form Image Text

U	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	P	W	S	E
1	US 4994658 A	19910219	16	Apparatus for controlling movement of an optical	235/479	235/479 ; 235/483		Takahashi, Shunzo , et al.	P	G	G	G	G	G
2	US 4933537 A	19900612	16	Apparatus for controlling movement of an optical	235/454	235/473 ; 235/475		Takahashi, Shunzo , et al.	P	G	G	G	G	G
3	US 6104291 A	20000815	25	Method and apparatus for testing RFID tags	340/572.1	340/572.5		Beauvillier, Luc , et al.	P	G	G	G	G	G
4	US 6091884 A	20000718	243	Enhancing operations of video tape cassette players	386/83	386/46 ; 386/95		Yuen, Henry C. , et al.	P	G	G	G	G	G
5	US 6089457 A	20000718	62	Card transport mechanism and method of operation	235/475	235/492		LaManna, Richard J. , et al.	P	G	G	G	G	G
6	US 6079624 A	20000627	26	Data processing form using a scanning apparatus	235/494	235/475 ; 235/482		Apperson, William C. , et al.	P	G	G	G	G	G
7	US 5920055 A	19990706	58	Card transport mechanism and method of operation	235/380	235/444		Roth, Philip M. , et al.	P	G	G	G	G	G
8	US 5837991 A	19981117	64	Card transport mechanism and method of operation	235/475	235/375 ; 235/432		LaManna, Richard J. , et al.	P	G	G	G	G	G
9	US 5614707 A	19970325	25	Picker carriage for grasping a card	235/479	235/475		Lundstrom, Robert W. , et al.	P	G	G	G	G	G
10	US 5376780 A	19941227	10	Method of and arrangement for reading a bar code on	235/462.05	235/454 ; 250/568		Klueter, Ulrich	P	G	G	G	G	G
11	US 5354976 A	19941011	7	Method for identification of rolls and a device for its	235/454	250/566 ; 318/568.16		Makinen, Jukka , et al.	P	G	G	G	G	G

Details Ready NVM

File View Edit Tools Window Help

BRS:
BRS:
BRS:
BRS: 19 and
BRS: 4 and
Pending
Active
L1: (87) ((235/479 235/480 235/483 235/486 235/439 235/449 235/454) ar
L2: (18) 1 and carrier
L4: (6572) "card reader"
L5: (843) 4 and (235/479 235/480 235/483 235/486 235/439 235/449 235/
L6: (167) 5 and transport
L7: (32) 6 and carrier
L8: (6) 5 and ("engaging member")
L9: (5040) card and transport and mechanism
L10: (254) 9 and (235/479 235/480 235/483 235/486 235/439 235/449 235/
L11: (46) 10 and carrier
L12: (142) 235/479.cc1s.
L13: (26) 12 and carrier
L14: (8) 5262629.URPN.
Failed
(0) 41 same atm
Saved
(5303) 235/479 235/480 235/483 235/486 235/439 235/449 235/454

Search List Browse Queue Help

DBs USPAT

Default operator: OR

235/479.cc1s.

BRS Form Backward Forward Edit

U	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	P	Z	S	1
1	US 6097692 A	20000801	19	Apparatus for feeding and ejecting an optical card	369/262	235/479 ; 369/258		Suzuki, Kazunori	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
2	US 5836779 A	19981117	9	Code card reader	439/260	235/479		Vogler, Bernhard	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
3	US 5821515 A	19981013	15	Information recording and reproducing apparatus	235/441	235/479 ; 235/492		Kitahara, Toshihiro	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
4	US 5814805 A	19980929	6	Chip-card reader	235/479	235/439 ; 235/440		Reichardt, Manfred , et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
5	US 5563397 A	19961008	35	Cards receiving mechanism having function for	235/441	235/479 ; 235/486		Fujimoto, Osamu , et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
6	US 5360569 A	19941101	11	Information recording and reproducing apparatus	235/479	235/475		Suzuki, Kazunori	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
7	US 5337304 A	19940809	21	Optical information recording/reproducing	369/215	235/475 ; 235/479		Hashi, Hiroshi , et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
8	US 5262629 A	19931116	7	Information recording and reproducing apparatus	235/486	235/454 ; 235/479		Hayashi, Hiroshi , et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
9	US 5196687 A	19930323	19	Card reader having locking mechanism	235/483	235/441 ; 235/479		Sugino, Kiyotaka , et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
10	US 5189661 A	19930223	10	Card carrier	369/258	235/475 ; 235/479		Honda, Tetsuya , et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
11	US 5146069 A	19920908	13	Device for loading and unloading a memory cartridge	235/475	235/479 ; 235/485		Oriimoto, Masaki , et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
12	US 5047618 A	19910910	29	Linear oscillatory motion device for optical card	235/475	235/479 ; 235/480		Kobayashi, Koichi	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
13	US 4994658 A	19910219	16	Apparatus for controlling movement of an optical	235/473	235/479 ; 235/483		Takahashi, Shunzo , et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>				

Details

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